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8 May 1984

NOTE FOR: Executive Director

SUBJECT: Directorate Comments on Draft Management  
Plan for Enhanced Processing of Overtly  
Collected S&T Intelligence

General

The DO has no objection to the proposed approach provided that it does not in any way change agreements between FTD and the DO with regard to classified DO material in the data base.

The DS&T points out that the area of analytic preprocessing, as noted in the STIC report, has been largely omitted from the draft plan. This area includes techniques for merging and manipulating data in support of analysis -- topics which ORD programs have been addressing. ORD has identified several research issues in analytic preprocessing, which include how to maintain data security in a data-sharing environment, and how to integrate data from multiple sources in different formats into a single data base. Analysts also need techniques for combining open-source data with data from classified sources, all in electronic form, and a collection of tools to assist in data manipulation and pattern analysis.

The DS&T notes a number of other steps it is already taking which will support the management plan.

- FBIS is monitoring abstracts prepared by JPRS contract translators to ensure that they are as informative as possible, and discussions are underway with FTD regarding inclusion of FBIS abstracts in CIRC. (Refer: Enhance FTD CIRC Systems, page 1).
- ORD has an ongoing research program to develop more effective text indexing and retrieval techniques. One of the new ORD projects -- N-gram Text Analysis -- provides a new capability for automatically and completely indexing full text material with diverse content. ORD believes the technique is especially suited for S&T reports. (Refer: Enhance FTD CIRC System, page 1)
- The overall FBIS modernization program should contribute directly to the goal of providing the text of translations to the data base more rapidly. (Refer: Enhance FTD CIRC System, page 2)

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- FBIS plans to augment its monitoring of new foreign publications, and the establishment of two new overseas units in FY 1985, will contribute directly to more intensive exploitation of S&T sources. (Refer: More Complete and Timely Collection/Acquisition)

The DI responses noted general support for the plan. OSWR recommended numerous changes [REDACTED]

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25X1 [REDACTED] OCR, as you already know, is investing considerable time, effort, and resources in support of various aspects of this project, including establishment of new positions overseas [REDACTED] 25X1 [REDACTED] expanded reference material, colocation of an S&T referent with OSWR, acquisition of a secure line to FTD (now scheduled for August), etc.

The DA/OTE stands ready to develop and support training recommendations, but cautions that additional resources may be required. The DA/ODP continues to question the merit of the whole undertaking based on its doubts concerning whether the quality of overt S&T information is worth the resource expenditure. Also, in its review of the section on secure communications, ODP points out the lack of any objective dealing with computer security.

#### Specific

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DS&T has no objection to the allocation of translating responsibilities for specific titles as long as Agency analysts are not adversely affected.

DS&T believes that within the Agency the CIA Library should be the central repository for translations. If FTD/CIRC is to be considered the repository for Intelligence Community S&T open-source information, DS&T suggests that perhaps FTD should be the Community's repository for translations. OCR has not had the opportunity to respond to this suggestion.

DS&T believes the provision for updated, improved translations in the data base is a function of the CIRC system and thus the responsibility of FTD/NI. FBIS will support FTD initiatives to the extent possible.

Regarding retrieval procedures, the FBIS automated data base (ACTS) now contains information on both completed and in-process translations and on where completed translations can be located. The data base is updated daily. As presently configured, it cannot store the text of translations, and there are no plans to change this. FBIS anticipates that the Intelligence Community will gain online access to ACTS by FY 1986.

The DA/ODP argues that the lack of any provisions in the plan for creation of a common query language may result in a hodgepodge of "user friendly" systems.

## 2. Improve the Capability of Users of Information Management Tools

The DI/OSWR, while noting that all the areas addressed in the plan are in need of improvement, believes that more and improved training to enable analysts to use effectively the tools already available is the most important goal. OSWR believes that the goal on training should be at least as detailed as the others.

The DI/OCR notes that improved communication among S&T analysts and between S&T analysts and collectors is not their responsibility and suggests it be removed as a key player on the chart.

The DA/ODP sees no direct role for itself in the first two objectives on improved communications.

The DI/OSWR suggests adding FBIS  to the second objective and to item 2 under "Training." Neither FBIS  has had the opportunity to respond.

The DI/OSWR suggests adding CIA/OTE to item 3 under "Training." This is generally in keeping with OTE's positive response to these objectives.

## 3. More Complete and Timely Collection/Acquisition

DI/OSWR suggests adding FBIS to the list of players for the first objective. FBIS has not had a chance to respond but the request seems reasonable.

DI/OSWR suggests that OCR be added to the players in two places under More Rapid Exploitation of New Sources --

specifically after "New Publications" and "Publications Newly Available." OCR has not had the opportunity to respond.

DS&T recommends that FBIS be deleted from the "Domestic Data Base" element, noting this is an OCR responsibility in its estimation. OCR has not had the opportunity to respond.

DI/OSWR suggests adding OCR to the element concerning exploitation  OCR has not had the opportunity to respond.

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The DI/OCR suggests deleting the objective concerning "automation of publications ordering, control functions;" OCR does not believe it is pertinent to the thrust of the study recommendations.

4. Improve the Capacity of Secure Communications between Users and the CIRC System and Among Users/Analysts

The DI/OCR suggests removing OCR as a player in the last three items dealing with communications. These are not OCR responsibilities.



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